

416 Rec'd PCT/PTO

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FORM PCT/EO 198
(REV. 1-98)

U.S. DEPARTMENT OF COMMERCE

PATENT AND TRADEMARK OFFICE

TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A FILING UNDER 35 U.S.C. 371

ATTORNEY'S DOCKET NUMBER

Mo-5599/LeA 32,647

U.S. APPLICATION NO. (if known, see 37 CFR 1.5)

To Be Assigned **09/529680**

INTERNATIONAL APPLICATION NO.

PCT/EP98/06375

INTERNATIONAL FILING DATE

October 7, 1998

PRIORITY DATE CLAIMED

October 20, 1997

TITLE OF INVENTION

Them and Use of the Same

Silicon Nitride Substances Containing Sintering Additives and SiO₂, Method For Producing

APPLICANT(S) FOR DO/EO/US

Gerhard Wotting, Mathias Herrmann, Grit Michael, Stefan Stiegel, Lutz Frassek

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

- 1 ☒ This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.
- 2 ☐ This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.
- 3 ☒ This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).
- 4 ☒ A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
- 5 ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
 - a ☒ is transmitted herewith (required only if not transmitted by the International Bureau).
 - b ☐ has been transmitted by the International Bureau.
 - c ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
- 6 ☒ A translation of the International Application into English (35 U.S.C. 371(c)(2)).
- 7 ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
 - a ☐ are transmitted herewith (required only if not transmitted by the International Bureau).
 - b ☐ have been transmitted by the International Bureau.
 - c ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - d ☐ have not been made and will not be made.
- 8 ☐ A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
- 9 ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
- 10 ☐ A translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11. to 16. below concern document(s) or information included:

- 11 ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
- 12 ☒ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
- 13 ☒ A FIRST preliminary amendment.
☐ A SECOND or SUBSEQUENT preliminary amendment.
- 14 ☐ A substitute specification.
- 15 ☐ A change of power of attorney and/or address letter.
- 16 ☒ Other items or information: Abstract; Drawings (Figures 1 & 2)
Notification of the Recording of a Change

BEST AVAILABLE COPY

U.S. APPLICATION NO. (Indicate by PCT/EP/JP)		INTERNATIONAL APPLICATION NO.		ATTORNEY'S DOCKET NUMBER	
To Be Assigned 09/329680		PCT/EP98/06375		Mo-5599/LeA 32,647	
17 <input checked="" type="checkbox"/> The following fees are submitted:				CALCULATIONS PTO USE ONLY	
BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)) Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO \$840.00					
International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO 670.00					
International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO 760.00					
International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) 970.00					
International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) 96.00					
ENTER APPROPRIATE BASIC FEE AMOUNT =					
Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(c)).				\$ 840.00	
				\$	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$	
Total claims	2 - 20 =			\$	
Independent claims	2 - 3 =		x \$ 18.00	\$	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			x 78.00	\$	
			260.00	\$	
TOTAL OF ABOVE CALCULATIONS =				\$	
Reduction of 1/2 for filing by small entity, if applicable. A Small Entity Statement must also be filed (Note 37 CFR 1.9, 1.27, 1.28)				\$	
SUBTOTAL =				\$	
Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f))				\$	
TOTAL NATIONAL FEE =				\$ 840.00	
Fee for recording the enclosed assignment (37 CFR 1.21(b)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property.				\$ 40.00	
TOTAL FEES ENCLOSED =				\$ 880.00	
				Amount to be refunded: \$	
				charged: \$	

- a ☐ A check in the amount of \$ _____ to cover the above fees is enclosed.
- b ☒ Please charge my Deposit Account No 13-3848 in the amount of \$ 880.00 to cover the above fees.
A duplicate copy of this sheet is enclosed.
- c ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any
overpayment to Deposit Account No 13-3848. A duplicate copy of this sheet is enclosed.

NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR
1.437 (a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

Bayer Corporation
Patent Department
100 Bayer Road
Pittsburgh, PA 15205-9741

SIGNATURE

Diderico van Eyl
NAME

38,641

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TRANSMITTAL LETTER TO THE
UNITED STATES RECEIVING OFFICE

Date	April 17, 2000
International Application No.	PCT/EP98/06375
Attorney Docket No.	Mo-5599/LeA 32,647

I. Certification under 37 CFR 1.10 (if applicable)

EK243942554US

Express Mail mailing number

April 17, 2000

Date of Deposit

I hereby certify that the application/correspondence attached hereto is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to Assistant Commissioner for Patents, Washington, D.C. 20231.



Signature of person mailing correspondence

Donna J. Veatch

Typed or printed name of person mailing correspondence

II. ☒ New International Application

TITLE

Silicon Nitride Substances Containing Sintering Additives and SiO₂, Method for Producing Them and Use of the Same

Earliest priority date
(Day/Mon/Year)

(20/10/97)

SCREENING DISCLOSURE INFORMATION: In order to assist in screening the accompanying international application for purposes of determining whether a license for foreign transmittal should and could be granted and for other purposes, the following information is supplied. (Note: check as many boxes as apply):

- A. ☒ The invention disclosed was not made in the United States.
- B. ☒ There is no prior U.S. application relating to this invention.
- C. ☐ The following prior U.S. application(s) contain subject matter which is related to the invention disclosed in the attached international application. (NOTE: priority to these applications may or may not be claimed on form PCT/RO/101 (Request) and this listing does not constitute a claim for priority.)

application no.

filed on

application no.

filed on

- D. ☐ The present international application ☐ contains additional subject matter not found in the prior U.S. application(s) identified in paragraph C. above. The additional subject matter is found on pages and ☐ DOES NOT ALTER ☐ MIGHT BE CONSIDERED TO ALTER the general nature of the invention in a manner which would require the U.S. application to have been made available for inspection by the appropriate defense agencies under 35 U.S.C. 181 and 37 CFR 5.1. See 37 CFR 5.15

III. ☐ A Response to an Invitation from the RO/US. The following document(s) is(are) enclosed:

- A. ☐ A Request for An Extension of Time to File a Response
- B. ☐ A Power of Attorney (General or Regular)
- C. ☐ Replacement pages:

pages		of the request (PCT/RO/101)	pages		of the figures
pages		of the description	pages		of the abstract
pages		of the claims			

- D. ☐ Submission of Priority Documents

Priority document

Priority document

- E. ☐ Fees as specified on attached Fee Calculation sheet form PCT/RO/101 annex

IV. ☐ A Request for Rectification under PCT 91 ☐ A Petition ☐ A Sequence Listing Diskette

- V. ☒ Other (please specify): Abstract; Drawings (Figures 1 & 2)
Notification of the Recording of a Change

The person
signing this
form is the:

☐ Applicant☒ Attorney/Agent (Reg. No.)
38,641☐ Common Representative

Diderico van Eyl

Typed name of signer

Signature